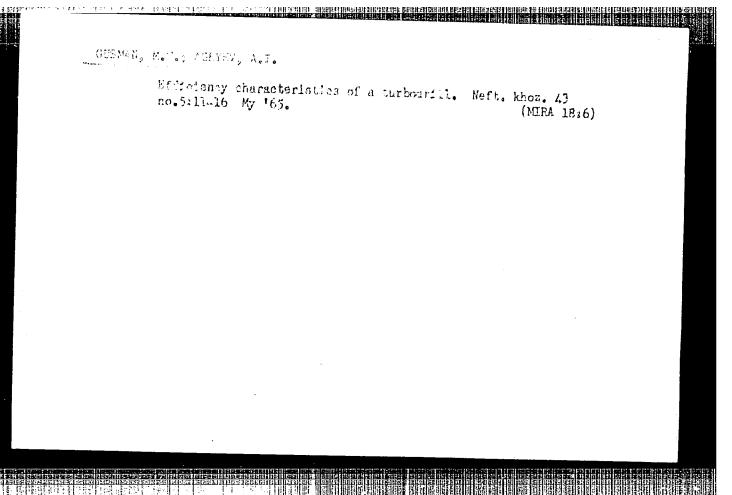
BARSHAY, G.S.; BULAKH, G.I.; GUSMAN, M.T.

Use of jet bits in turbodrilling. Neft.khoz. 39 no.1:8-13 l Ja

'61. (MIRA 17:3)

IOANNESYAN, R.A.; GUSMAN, M.T.; TAGIYEV, E.I.

Development of turbine drilling in the U.S.S.R. Neft.
khoz. 42 no.9/10:107-114 S-O '64. (MIRA 17:12)



GUSMAN, M.T.; NIKITIN, G.M.; SOBKINA, I.V.

Some results in operations with multisectional turbodrills. Trudy VNIIBT no.14:140-150 '65. (NIRA 18:5)

¥.		
	ACC NR: AP7002603 (A, N) SOURCE CODE: UR/0413/66/000/023/0110/0110	
	INVENTORS: Agayev, A. I.; Kol'chenko, A. V.; Malkin, B. D.; Kuznetsova, I. I.; Mikitin, G. M.; Guaman, M. T.	
	ORG: none	
	TITLE: A stopped rolling axle support. Class 47, No. 189254	
	SOURCE: Izobretoniya, promyehlennyye obraztsy, tovarnyye znaki, no. 23, 1966, 110	
	TOPIC TAGS: antifriction boaring, ball boaring, boaring race	
	SOURCE: Izobrateniya, promyshlennyye obrazzay, tovarnyye znaki, no. 23, 1966, 110 TOPIC TAGS: antifriction bearing, ball bearing, bearing race ABSTRACT: This Author Certificate presents a stepped rolling axle support containing thrust roller bearings, spacing collars, and an annular elastic element (see Fig. 1). To eliminate loose axle heles and to increase the efficiency under dynamic loads, the ball bearings of the support are placed in two rows, with the balls running between the outside flanges and the internal flange. The annular elastic element is mounted on each side of each ball bearing at a small distance from a spacing ring. A split bushing is placed between the inner flanges of the corresponding ball bearings.	
	Card 1/2 UDC: 621.822.3	
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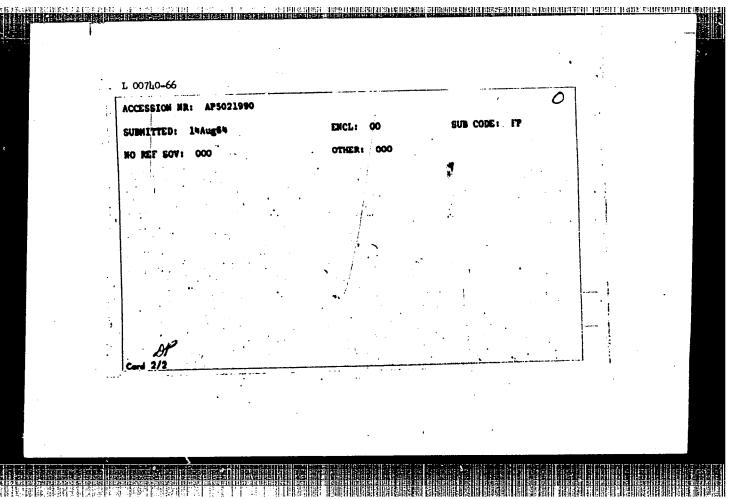
	1 - balls; 2 - outside flange; 3 - inner flange; 4 - annular elastic element; 5 - space; 6 - spacing ring; 7 - split bushing		,
Orig. art	. has: 1 figure.		
SUB CODE:	13/ SUBM DATE: 05Mar66	•	:
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Card 2/2		•	

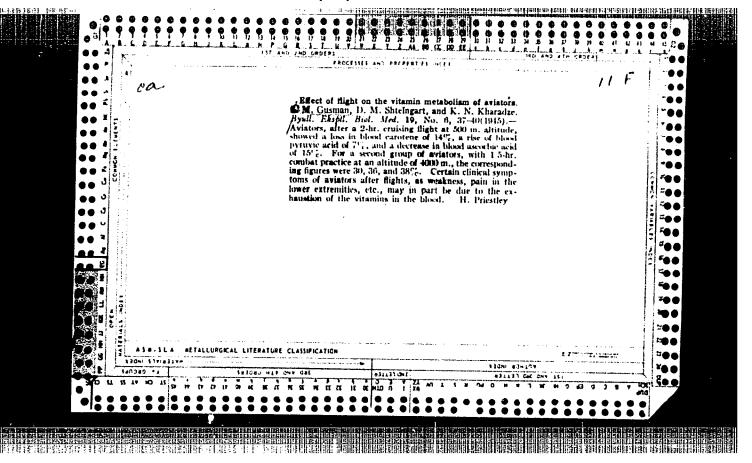
EWT(m)/T L 01805-67 AP6030592 (AN) SOURCE CODE: UR/0413/66/000/016/0074/0074 ACC NRI INVENTOR: Garzanov, G. Ye.; Petyakina, Ye. I.; Bagryantseva, P. P.; Shames, F. Ya.; Ravikovich, A. M.; Boshchevskiy, S. B.; Maloletkov, Ye. Selivanchik, Ya. V.; Gusman, M. Ye,; Skvirskiy, P. A.; Aver'yanov, V. A.; Uzunkoyan, P. N.; Pisarchik, A. N., Mikhaylov, Yu. A.; Belogradskiy, A. P.; Bayevskiy, F. S.; Fomin, N. I. ORG: none TITLE: Method of obtaining a hydraulic lubricant. Class 23, No. 185000. [Announced by the Scientific Research Institute for Organization, Mechanization, and Technical Assistance to Construction (Nauchno-issledovatel'skiy institut organizatsii, mekhanizatsii i tekhnicheskov pomoshchi stroitel'stvu)] SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 74 TOPIC TAGS: lubricant, lubricant additive, antioxidant additive, polymethacrylate, hydraulic lubricant ABSTRACT: An Author Certificate has been issued for a method of obtaining a hydraulic lubricant by means of additives with an oil b ase. To expand the operat-UDC: 621. 892. 8:621. 226

	·L 01805-67	- 11
	ACC NR: AP6030592	
	ing temperature range of oil a mixture of commerical oil and diesel-oil residue are taken as the oil base to which a multifunctional additive is added, such as EFO, an antioxidant agent, such as octadecylamine, and a depressing agent, such as a polymethacrylate. [Translation]	
	SUB CODE: 11/ SUBM DATE: 25May65/.	
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	Card 2/2 14V	

	ACCESSION NR: AP5021990 UR/0286/65/000/014/0065/0065 665.4/.5 AUTHOR: Garzanov, G. Ye.; Vinner, G. G.; Meloletkov, Ye. K.; Bogdanov, Sh. K.; Sergivanko, V. G.44 Petyakina, Ye. 14% Selivanchik, Ya. V. Vertlib, Ya. Ye.; Ye.; Ye.; Sharea, F. Ye.; Salrnov, M. I.; Granat, A. M.; Bulantseva, I. P.; Krylova, T. M., TITLE: A method for producing hydraulic fluid: Class 23, No. 172947 SOURCE: Byulleten' isobreteniy i tovarnykh anakov, no. 14, 1965, 65 TOPIC TAGS: hydraulic fluid, petroleum product ABSTRACT: This Author's Certificate introduces a method for producing hydraulic fluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperafluid based on petroleum products. The efficiency of the fluid at low temperaflui	
-	sation and Technical Assistance) Cord 1/2	

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GUSMAN, S. M., prof.

Blood coagulation in angina pectoris and myocardial infarction.
Sov. med. 19 no.11:24-26 N. '55. (MIRA 9:1)

1. Iz kafedry vnutrennik holezney (zav.-zasluzhennyy deyatel' nauki
prof. M. Kh. Yagubov) Azerbaydzhanskogo instituta usovershenstvovaniya
vrachey (dir. M. I. Aliyev).

(BLOOD-COAGULATION, in various disease,
angina pectoris & myocardial infarct)
(ANGINA PECTORIS, blood in,
coagulation)

(MYOCARDIAL-INFARCTION, blood in,
coagulation)

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617620016-2"

USSR/Human and Animal Physiology. Circulation

T-5

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65296

Author Susman S.M.

Inst : The Azerbaydzhan State Institute for the Advanced Training

of Physicians.

Title : Arterial Hypertonus in Pregnant Women

Orig Pub : Sr. tr. Azerb. gos. in-ta usoversh. vrachey, 1957, Vyp. 3,

78-84

Abstract : No abstract

Card : 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617620016-2"

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65285

Author : Gusman S.M.

Inst

Title : The Physicochemical Blood Cletting Indices in Acute

Coronary Insufficiency and Hypertensive Disease

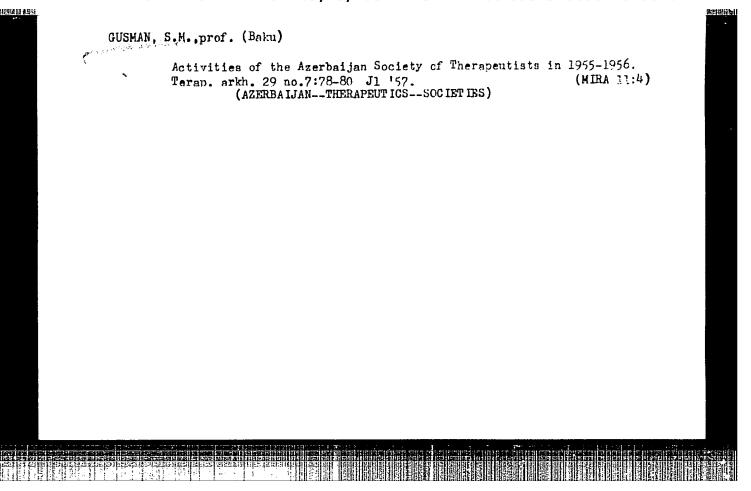
Orig Pub : Azerb. tibh zh., 1957, No 7, 19-22 (azerb.); 86-89 (Russian)

Abstract: In 22 patients with acute coronary insufficiency (angina

pectoris of infarct), the prothrombin time was considerably shortened, while the prothrombin index increased 12 times. In the second and third stages of hypertensive disease the index was slightly increased. In all of the patients the number of thrombocytes in the blood and the duration of bleeding were unchanged. Blood clotting was accelerated in patients with coronary insufficiency, especially in cases of myocardial infarction. The author recommends the use

of anticonculants for this condition .-- M. Ya. Mayzelis

Card : 1/1



GUSMAN, S.M., prof., ALEKPEROV, N.A., kand.med.nauk

Artozin therapy in diabetes mellitus. Terap. arkh. 30 no.7:25-37
J1 '58

1. Iz kafedry vnutrennikh bolezney Azerbaydzhanskogo instituta
usovernhenstvovaniya vrachey.

(ANTIDIARTICS, ther. use,
tolbutamide (Rus))

GUSMAN, S.M., prof., KHALFEN, E.Sh., kand.med.nauk (Baku)

Ballistocardiogram of healthy subjects. Klin.med. 36 no.8:98-105
Ag *58

1. Iz kafedry vnutrennikh bolezney (ispolnyayushchiy obyazannosti zav. kafedry - prof. S.M. Gusman) Azerbaydzhanskogo instituta usovershenstvovanjav vrachey (dir. M.I. Aliyev).

(BALLISTOCARDIOGRAPHY.

of healthy subjects (Rus))

ALLAKHVERDIYEV, A.G., dotsent; KULIYEV, A.Kh., dotsent; GUSMAN, S.M., prof., doktor med.nauk, red.; PLATONOV, B., red.; MIRDZHAFAROV, A., tekhn.red.

[Naphthalan and its therapeutic use] Naftalan i ego lechebnoe primenenie. Baku, Azerbaidzhanskoe gos.izd-vo. 1959. 186 p. (MIRA 14:2)

(MAPHTALAN--PETROLEUM---THERAPERITIC USE)

GUSMAN, S.M., prof.; KHALFEN, E.Sh., kand.med.nauk Clinical significance of a ballistocardiographic study. Azerb.med. zhur. no.9:36-40 S 59.

> 1. Iz kafedry vmutrennikh bolezney (i.o.zav. kafedroy - prof. S.M. Gusman) Azerbaydzhanskogo gosudarstvennogo instituta usovershenstvovaniya vrachey (i.o. direktora - dotsent D.B. Mustafayev).
> (BALLISTOCARDIOGRAPHY)

(MIRA 13:1)

CIA-RDP86-00513R000617620016-2" APPROVED FOR RELEASE: 09/19/2001

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Ballistocardiographic changes in clinically normal subjects following physical effort and after smoking [with summary in English]. Teraparkh. 31 no.146-52 Ja '59. (MIRA 12:2)

1. Iz kafedry terapii Azerbaydzhanskogo instituta usovershenstvovaniya vrachay.

(BALLISTOCARDIOGRAPHY.

eff. of exercis & smoking in normal subjects (Rus))

(EXERCISE, eff.

on ballistocardiography in normal subjects (Rus))

(SMOKING. effects, same)
```

GUSMAN, S.M., prof.; ALEKPEROV, N.A., kand.med.nauk

Functional state of the kidneys in patients with diabetes mellitus treated with artosin. Terap.arkh. no.6:68-72 '61.

1. Iz kafedry terapii (zav. - prof. S.M. Gusman) Azerbaydzhanskogo gosudarstvennogo instituta usovershenstvovaniya vrachey.

(ARTOSIN) (DIABETES) (KIDNEYS)

GUSMAN, 3. M., ITKIN, A. A. and KARAMOV, K. S.

"Case of Defect in the Aortal Valves of Traumatic Origin" - p. 37

Voyenno Meditsinskiy Zhurnal, No. 10, 1962

GUSMAN, S.M., prof.

Atypical myocardial infarcts and classification of their forms.

Terap. arkh. 34 no.10:32-36 D*62 (MIRA 17:4)

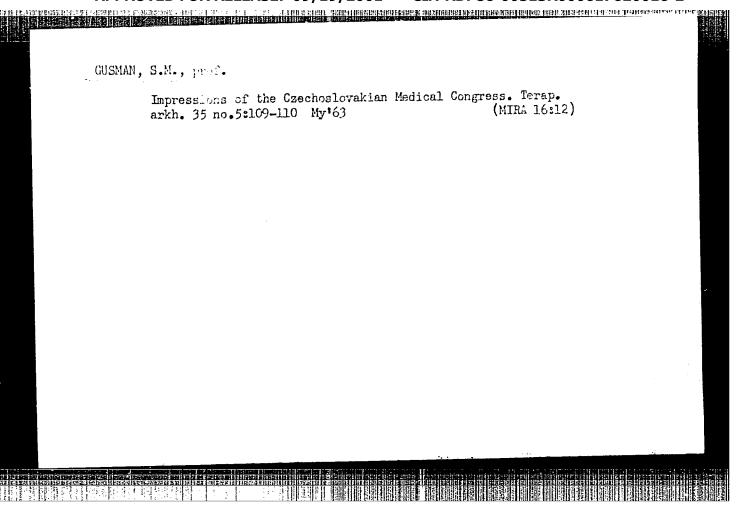
1. Iz kafedry terapii (zav. - prof. S.M. Qusman) Azerbaydzhan-skogo instituta usovershenstvovaniya vrachey.

GUSMAN, S.M., prof.; ALEKPEROV, M.A., kand. med. nauk

Indications for use and the effectiveness of culfanilamide

Indications for use and the effectiveness of cultanilamide preparations in diabetes mellitus. Sovet. med. 20 no.5: 13-18 My 63 (MIRA 17:1)

1. Iz kafedry terapii (zav. - prof. S.M. (Ausman) Azerbay-dzhanskogo instituta usovershenstvovaniya vrachey.



Kanymov, 1.G., M. et W., waka, angle. Encounterway cornter) mean; GCOMAH, S.M., profig ToSing, Ye.Ye.

On the 70th anniversary of the Campariace No. 3 Clinical Hospital. Azerb. med. zhur. Al no.2.34.485 Ja *64. (Mira 17:12)

1. Glavnyy wrach klinicheckey belfritor No. 3 ameni Drnaparidze, Baku (for Kadynov).

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S/140/60/000/005/006/021 C111/C222

AUTHOR:

Gusman, S.Ya.

TITLE:

Uniform Approximation of Continuous Functions on Riemannian Surfaces

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Matematika, 1960, No. 5, pp. 43 - 51

TEXT: Generalizing a result of S.N. Mergelyan to Riemannian surfaces the author proves the

Theorem 1 s Let the function f(P) be defined on the closed set E belonging to a closed Riemannian surface R. In order that f(P) is developable into a series in terms of rational functions on R with a single pole in the point Q which on E converges uniformly to f(P) it is necessary and sufficient that the complement of E consists of a region containing Q, and that f(P) is continuous on E and analytic in every inner point of E. The sufficiency of the conditions follows as a special case from Theorem 2 s If the complement of a closed set E with respect to the closed Riemannian surface R consists of n regions G_1, \dots, G_n and if $G_n \in G_n$ are arbitrary points of these regions then every function f(P) Card 1/3

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<u> १९११ च नामक्ष्य । १८ १२ मधीनावर्षः १८३५ अस्तरे । स्वत्रामधीरम् । १८५४ च नामक्ष्ये स्वत्रामधीरम् । १८५४ वर्षः १५</u>

Uniform Approximation of Continuous Functions on Riemannian Surfaces

S/140/60/000/005/006/021 C111/C222

which is continuous on E and analytic in the interior of E, is developable into a series in terms of rational functions in R having poles only in Q_1,\dots,Q_n , where this series converges uniformly to f(P) on E. From theorem 2 there furthermore follows the: Theorem 2^* : If the complement of E with respect to R consists of the regions G_1,\dots,G_n , and Q_1,\dots,Q_n are arbitrary points of these regions then every f(P) which is regular in the interior of E (with an exception of the finitely many points P_1,\dots,P_m , where it has poles) and continuous on E (with an exception of the same points P_1,\dots,P_m) can be developed into a series in terms of rational functions on R having poles only in P_1,\dots,P_m and Q_1,\dots,Q_n , where this series converges uniformly to f(P) on E. From theorem 2^* there furthermore follows Theorem 3^* : Let the complement of E with respect to R consist of G_1,\dots,G_n . Let $Q_1 \in G_1,\dots,Q_n \in G_n$ be points of the G_1,\dots,G_n . Let dg(P) be a Card 2/3

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Uniform Approximation of Continuous Functions on Riemannian Surfaces

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differential continuous on E and analytic in the inner points. Then for every fixed finite covering of R by cells and for every $\varepsilon>0$ there exists an Abelian differential dh(P) on R having poles only in Q_1,\dots,Q_n and satisfying the inequation ;

$$\max_{P \in E} \left| \frac{dg(P)}{dz} - \frac{dh(P)}{dz} \right| < \varepsilon .$$

The present paper was written under the leading of Professor L.I. Volkovyskiy.

There are 2 figures and 9 references : 5 Soviet, 1 Finnish, 2 German and 1 Japanese.

ASSOCIATION:

Permskiy gosudarstvennyy universitet imeni A.M. Gor'kogo

(Perm' State University imeni A.M. Gor'kiy)

SUBMITTED:

September 23, 1959

Card 3/3

CIA-RDP86-00513R000617620016-2" APPROVED FOR RELEASE: 09/19/2001

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1995年 - 1995 - 1498 - 1440年6863月 - 1442年6月20日 - 1541年1月14日2月21日1日1日2日2日1日1日1日2日2日2日1日1日1日2日2日2日1日1日1日2日2日2日2日2

16(1)-16.3000

S/020/60/130/05/002/061

AUTHOR:

Gusman, S. 42

TITLE:

Uniform Approximation of Continuous Functions on Riemannian Surfaces

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol 130, Nr 5, pp 963-965(USSR)

ABSTRACT:

Theorem 1: Let the function f(P) be defined on the closed set E of the closed Riemannian surface R. In order that f(P) can be expanded into a series in terms of functions rational on R with a single pole in Q, and that the series converges uniformly on E to f(P), it is necessary that the complement of E consists of a single domain containing Q, while f(P) is continuous on E and analytic in each interior point of E. Theorem 2: Let the complement of the closed set E with respect to the closed Riemannian surface R consist of the domains G_1, G_2, \dots, G_n ; let Q_1, Q_2, \dots, Q_n be arbitrary points of these domains. Then every unique function f(P), which is continuous on E and analytic in the interior points of E, can be expanded into a series in terms of functions which are rational on R and possess poles only in the points Q,; the series converges uniformly on E to f(P).

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Uniform Approximation of Continuous Functions on S/020/60/130/05/002/061 Riemannian Surfaces

Theorem 3: As in theorem 2 the complement of E is assumed to consist of G_1 , ..., G_n with the points Q_1 ,..., Q_n . Let dg(P) be a differential which is regular and continuous in every interior point of E, except in the finite set of the points P_1 ,..., P_m , where it possesses poles. Then to every finite covering of R and to every E > 0 there exists an abelian differential dh(P) on R which possesses poles only in P_1 and Q_k and which satisfies the inequality

$$\max_{P \in E} \left| \frac{dg(P)}{dz} - \frac{dh(P)}{dz} \right| < \varepsilon$$

Theorem 4: If the plane measure of the continuum E on R is equal to zero, then every function f(P) continuous on E can be re-

presented as a series $\sum_{n=1}^{\infty} R_n(P)$ uniformly convergent on E, where

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Uniform Approximation of Continuous Functions on S/020/60/130/05/002/061 Riemannian Surfaces

R_n(P) are rational functions on R.

S.N. Mergelyan, M.A. Lavrent'yev and M.V. Keldysh are mentioned; the author thanks Professor L.I. Volkovyskiy for the guidance of the paper.

There are 3 references, 1 of which is Soviet, 1 German, and 1 Japanese.

PRESENTED: October 21, 1959, by M.A. Lavrent'yev, Academician

SUBMITTED: October 12, 1959

X

Card 3/3

GUSMAN, S.Ya.; RODIN, Yu.L.

Kernel of a Cauchy type integral on closed Riemann surfaces. Sib.
mat. zhur. 3 no.4:527-531 Jl-Ag *62. (MIRA 15:7)
(Integrals, Generalized) (Riemann surfaces)

L 3203-66 EWT(d) IJP(c)		•	
ACCESSION NR: AP5015718	UR/0022/	164/017/005/0003/00	06 16	
AUTHOR: Gusman, S. Ya.	- 1111		13	:
TITLE: Existence of regul	ar solutions to Cauchy-Rieman	nn systems with nor	linear	
SOURCE: AN ArmSSR. Izvest 1964, 3-6	iya. Seriya fiziko-matematich	eskikh nauk, v. 17	, no. 5,	•
OPIC TAGS: Riemannian ge	ometry, analytic function			!
Abstract: The author deve classes of solutions to sy The system of equations	clopes three theorems on the costems of the type in question	existence of certain.	in .	
•	$\left\{\frac{\partial u}{\partial x} - \frac{\partial v}{\partial y} = f_1(x, y, u, v)\right\}$			
	$\begin{cases} \frac{\partial v}{\partial x} + \frac{\partial u}{\partial y} = f_2(x, y, u, v) \end{cases}$			1
is written in	the form of a single equation	1		. •••• ◆
The same of the sa	$w_z = a(z, w),$	(1)		
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where	z=x+iy, $w=u+iv$, $a(z, w)$	$=\frac{1}{2}(f_1(x, y, u, v)+$	
	$+if_2(x, y, u, y)$	v)).	
(Obobshchenny a(z, w) = a(z	and its solutions have been thorouge analiticheskiye funktsii, Fizmath $b + b(z)\overline{w} + c(z)$, where $a(z)$, $b(z)$. This paper is devoted to the more	tgiz, Moscow, 1959) f , and c(z) belong to	or the case
which a(z, w) closure of reinequality	is discontinuous with respect to vagion D, measurable with any discontinuous	tinuous w(z), and sat	e D is the isfies the
•	$ a(z, w) \leqslant a(z)(w +1)^{\epsilon}$	$(\ln(w +2))^{\mathfrak{f}},$	
where a(z) be is a region of form	longs to L (D) or Lp, 2, if region f Riemanniah surface R, then a(z, v	D is unbounded, p> w) must be a coordina	2. If D te of the
	$a(z^*, w) = a(z, w)\frac{dz}{dz^*}.$	range en	
Card 2/4			

•	ACCESSION NR: AP5015718
	$a(z)$ in this case varies by the law $a(z^*) = a(z)$ $\frac{dz^*}{dz^*}$.
	The function w(z) is termed a "regular" solution of Equation (1) if it possesses almost everywhere a generalized derivative and if it satisfies Equation (1).
	Theorem 1 (D is the complex plane): With < 1, and also with < = 1 and 3<0,
	there exists a regular solution to Equation (1) which assumes a given value w_0 at a given point z_0 . (It should be noted that the conditions of Theorem 1 do
	not imply the uniqueness of the solution). Theorem 2 (D is a bounded flat region or a region on a closed Riemannian surface): If P ₁ ,, P _n are points of D, while w ₁ ,, w _n are arbitrary complex numbers, there exist single-values
	If P_1, \ldots, P_n are points of D , white w_1, \ldots, w_n then with $w_n < 1$ and also with $w_n < 1$ and $w_n < 1$ and $w_n < 1$ and $w_n < 1$ there exist single-values solutions to Equation (1) which assume at every point P , the value $w_n < k = 1, \ldots, n$. Theorem 3 (same assumption for D as in 2): If the sequence $\{w_n(z)\}^k$ of regular
‡ ‡	colutions to Eduation (I) converges unitotally in b country (-)
† * *	then w(z) is a regular solution of that equation. Theorems 2 and 3 hold for an arbitrary open Riemannian surface D, provided a(z) has a compact medium. If D is a closed Riemannian surface, then even the
i	equation
	<u>Card</u> 3/4

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	ACCESSION NR: AP5015718			· ·	
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			W # 8	(2)	
.	has no regular s	olutions in the	general c	ase.	• .
	Orig. art. has 9 formulas.	•	:		
	ASSOCIATION: Permskiy gosudarst	vennyy universit	tet (Perm'	State Univer	sity) #4.55
	SUBMITTED: 20Jan64	ENCL: 00		SUB CODE:	7 7'
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ACC NR: AP6005112

SOURCE CODE: UR/0316/65/000/005/0074/0076

AUTHOR: Serebryakov, B. R.; Gusman, T. Ya.; Shnulin, A. N.

ORG: VNIIolefin

TITLE: Electrical conductivity of bismuth molybdates

SOURCE: Azerbaydzhanskiy khimicheskiy zhurnal, no. 5, 1965, 74-76

TOPIC TAGS: electric conductivity, bismuth compound, forbidden zone width, activation energy, catalysis, oxidation, dehydrogenation, x ray analysis

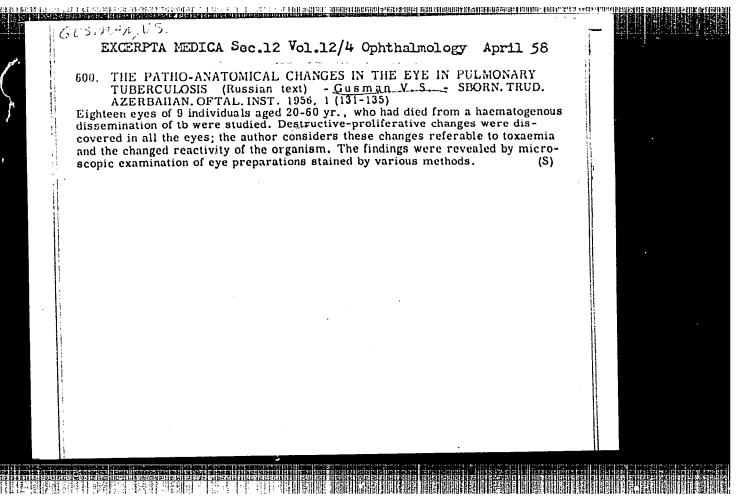
molybdate,

ABSTRACT: A study was made of the electrical conductivity of fused and shaped samples of bismuth-molydenum catalysts used in a number of oxidative processes (oxidation of propylene to acrolein, oxidative dehydrogenation of butylenes to bivinyl, foxidative ammonolysis of propylene to acrylonitrile). X-ray analysis established the structure of the samples as (Bi₂O₃)_x (MoO₃)y. Their electrical resistance was measured at 290—500C (range in which

the catalytic properties are best manifested) with an E6-3 tube teraohmmeter. Particular emphasis was placed on the determination of the activation energy of conduction (i.e., on the determination of the forbidden gap width $E_{\rm g}$). The ${\rm Bi}_2{\rm O}_3$ -MoO $_3$ catalysts were found to have n-type conductivity. It was established that the activation energy of the oxidation of propylene to acrolein (and oxidative ammonolysis of propylene to acrylonitrile) and the activation energy of the electrical conduction of bismuth molybdates are approximately equal. The forbidden gap width of the Bi₂O₃-MoO₃ system changes only slightly with changing composition and is equal

Card 1/2

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	The authors are deeply grateful to <u>K. Mekhtive</u> v, who the samples. Orig. art. has: 2 figures.	no performed the
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ABAYEV, G.N.; GUSMAN, T.Ya. Determination of the rate of the beginning of fluidization of some catalysts. Khim.prom. no.11:796-798 N '62. (MIRA 16:2) (Fluidization) (Catalysts)

CIA-RDP86-00513R000617620016-2"

APPROVED FOR RELEASE: 09/19/2001

GUSMAN, Ye.A. (Leningrad)

Practices of a district accident station. R.A. Gusman.
Ortop.travm. i protez 19 no.2:54 Mg-Ap '58 (MIRA 11:5)

(FIRST AID IN ILLNESS AND INJURY)

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Work of a rural district hospital. Zirav. Turk 2 no.6:39-41
N-D '58. (MRA 16:3)

1. Clavnyy vrach uchastkovov bol'nitsy sel'skogo soveta Ckuz-Yab Tashauzskoy oblasti.
(ROSPITALS, MRSL)

GUSNIN, S.I., dots., kand. tekhn. nauk.

Computation of earthwork volumes by means of special signs without pegging out the net of squares. Trudy MIGAIX no.27:79-54 '57.

(MIRA 11:1)

1. Kafedra geodezii Moskovskogo instituta inshenerov geodesii, aerofotos yenki i kartografii.

(Earthwork) (Surveying)

Measur. Institut insubmeror geodesis, serofolos "past i nartografii Trody, TPP 33 (Truncations of the Resear institute of Engineering Geosesy, serial Photography, and carrography E. 3) (Notice of Photography E. 3) (Noti		\$0 4/ 2152	kartografii Engineering Nosdow,	Durnev, V, ishing	ded for	obleme and sveral raluated. I, and	504/2152	, relief Trenses	7	6	22	8	63	t	€.	. 8	8	113	121	123		8-14-59	
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GUSNIN, S.I., dots., kand. tekhn.nauk

Field method of planning relief transformations. Trudy MIIGAIK
no.33:41-47 '58. (MIRA 12:8)

1.Kafedra geodezii Moskovskogo instituta inzhenerov geodezii.
aerofotos yemki i kartografii.
(Surveying)

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Q-2

Abs Jour: Ref Zhur-Biol., No 12, 1958, 54728.

Author : Guseynov, S. I., Gusniyev, M. A.

: Not given. Inst

: The Histological Structure of the Muscle Fibers Title

of the Mountain Cattle of Dagestan.

Orig Pub: Tr. In-ta, zhivotnovodstva. Dagest. fil. AN SSSR,

1956, 4, 64-67.

Abstract: The average diameter of the muscle fibers of the

mountain cattle of Dagestan was found to be

40.64 /1.

Card 1/1

16

GUSNIYEV, M.A.; FEDORCHENKO, I.V.

Three-way mercury manometer with a recording lever. Fiziol.
zhur. 45 no.8:1032-1033 Ag '59. (MIRA 12:11)

1. From the department of physiology, Dagestan Medical Institute,
Makhatchkala.

(MANOMETRY, equipment & supplies)

"Manual for independent practical physiology." Reviewed by G.G.Musa zhur. 46 no.12:1516-1517 D '60.	work in a course lov, M.A.Gusniev.	of normal Fiziol. (MIRA 14:1)
l. Dagestanskiy meditsinskiy insti (PHYSIOLOGY—STUDY AND (MUSALOV, G.G.)	tut, Makhachkala. TEACHING); (GUSNIYEV, M.A.)	
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GUSNIYEV, M.A.; MUSALOV, G.G.; KIRIAKIDI, L.M.

Kymograph with the time register. Lab. delo 7 nc.12:43-44. D '61.

(MIRA 14:11)

1. Dagestanskiy meditsinskiy institut, Makhachkala.

(KYMOGRAPH)

GUSNIYEV, M.A.; MUSALOV, G.G.; KIRIAKIDI, L.M.

Three-way mercury dynamograph. Fiziol. zhur. 47 no.12:1505-1507 D

'61.

1. From the Department of Physiology, Dagestan Medical Institute,
Makhatchkala.

(MANOMETER)

THE STATE OF THE S

ZAYDIYEVA, Z.N.; GUSNIYEVA, Sh.A.

Immediate and late results of using obstetric forceps in delivery. Vop. okh. mat. i det. 8 no.7:89 Jl *63. (MIRA 17 2)

l. Iz kafedry akusherstva i ginekologii Dagestanskogo meditsinskogo instituta.

SOV/136-58-12-19/22

AUTHORS: Gusov, A.V. and Kaydak, A.M.

TITLE: Boiling-layer Roasting (K voprosu ob obzhige v kipyashchem

sloye)

PERIODICAL: Tsvetnyye Metally, 1958, Nr 12, pp 83 - 84 (USSR)

ABSTRACT: The authors of this letter to the editor severely criticise the article by G.M. Gusev and Ya.N. Shvartsman published

in "Tsvetnyye Metally", 1958, Nr 4. They consider that those authors were incorrect in deducing that particle distribution occurs by laws other than those which hold for highly turbulent liquids. The widely-held view that such laws apply has been confirmed by special expriments on particle motion in a boiling-layer. G.M. Shteyngart (Ref 2) has shown that de-sulphurisation occurs throughout the whole volume of the fluidised bed and Gusev and Shvartsman have misinterpreted the gas-sampling investi-

gation carried out at the "Elektrotsink" Works and used defective equipment for their own tests. Although the authors of the criticised article were present at the works during trials of a method of charging the concentrate

deep into the bed and know of its defects, they continue to recommend it; their advocay of charging by injection

Card 1/2

Boiling-layer Roasting

SOV/136-58-12-19/22

over the layer contradicts their own views. The authors maintain that Gusev and Shvartsman gave a confusing answer to a question of Burov on temperature distribution and cite experimental evidence to show that a deeper bed is advantageous. Among other points criticised are the following: recommendation of a complicated discharge system when the available simple one is satisfactory; the statement that SO₂ concentrations in gas from fluidised beds of over 7-8.5% could not be attained and that processes occurring above the bed were ignored at the "Elektrotsink" Works. There are 2 Soviet references.

ASSOCIATION: Zavod "Elektrotsink" ("Elektrotsink" Works)

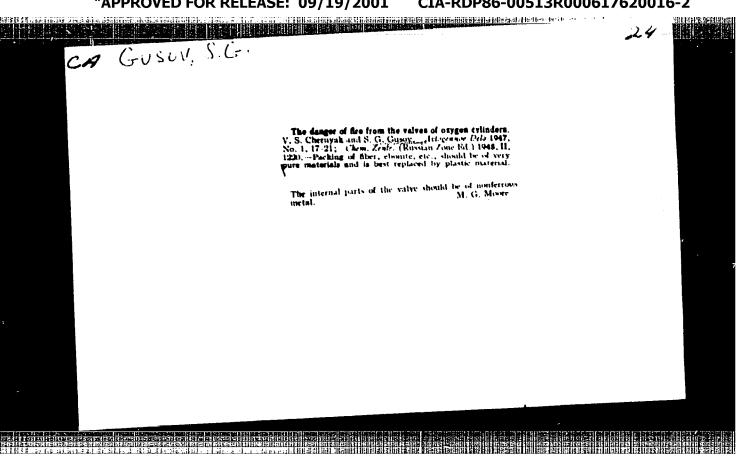
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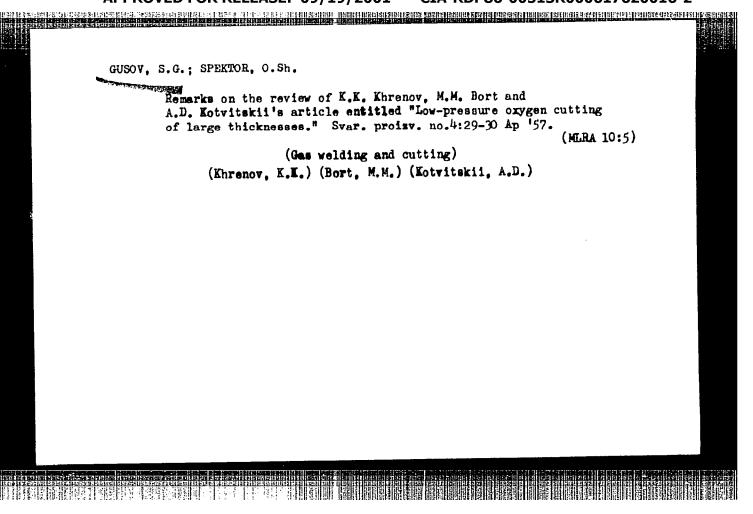
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ALEKSEYEV, B.D.; ALAVERDOV, A.I.; BABIN, I.D.; BIDNEY, A.I.; BUROVOY, I.A.; GUSOV, A.V.; IVAROV, V.I.; KAYDAK, A.M.; LEYZEROVICH, G.Ya.; RUPPUL', V.K.; SEREBRYARNIKOV, E.Ya.; SHTEYRGARDT, G.M.

Roasting zinc concentrate in a gas fired boiling fuel bed. Prom. energ. 13 no.8:19-20 Ag '58. (MIRA 11:10)

(Zinc--Metallurgy)





GUSOVSKIY, A., master proizvodstvennogo obucheniya

We are developing technical intelligence. Prof.-tekh. obr. 22

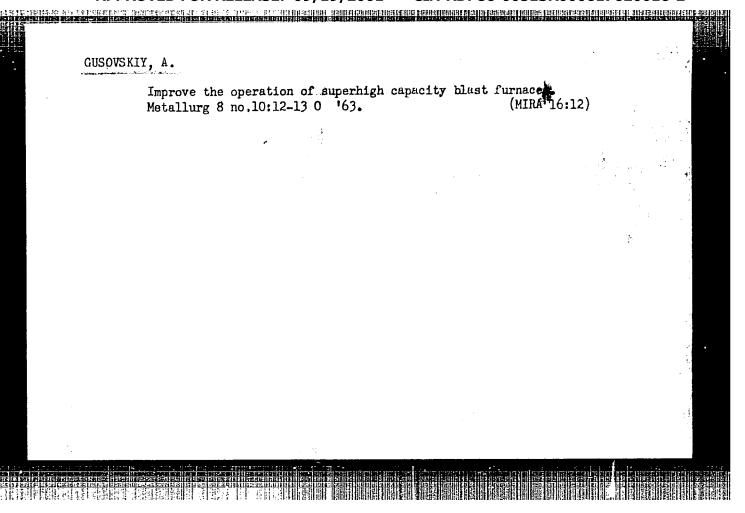
We are developing technical intelligence. Prol.-tekn. ODF. 22. no. 1:23-24 Ja '65. (MIRA 18:4)

1. Professional'no-tekhnicheskoye uchilishche No.2, Khar'kov.

GUSOVSKIY, A., referent

Equipment for the continuous casting of steel. Metallurg
8 no.2:22-24 F '63.
(Germany, West--Continuous casting)

(Germany, West--Continuous casting)



GUSOVSKIY, A.A.; CONCHAROVA, L.A., red.izd-va; OBUKHOVSKAYA, G.P.,
tekhm. red.

[Pelletizing of iron ores] Okuskovanie zheleznykh rud.
Moskva, Metallurgizdat, 1963. 60 p. (MIRA 16:5)
(Iron ores) (Sintering)

KIRSANOV, I.P.; ORLOVSKIY, Ya.A.; GUSOVSKIY, A.A.; KIRSANOV, I.P.; PARTSEVSKIY, A.B.

From science and technology in foreign countries; abstracts. Ogneupory 28 no.7:333-335 *63. (MIRA 16:9)

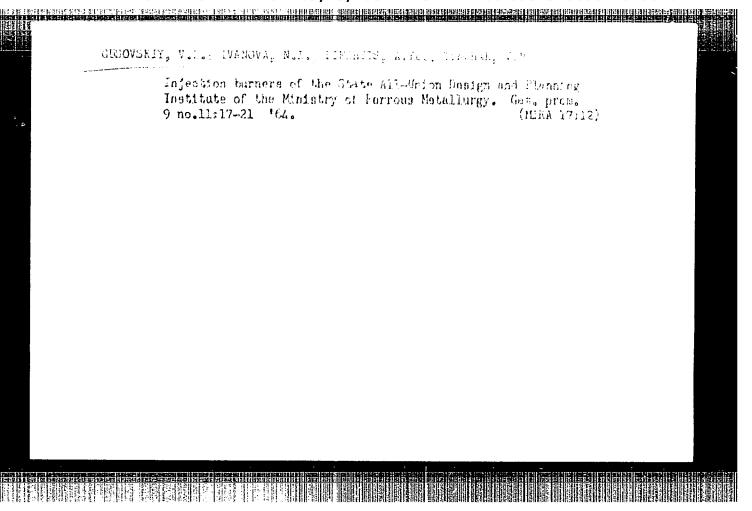
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ARUTYUNOV, N.B., inzh., red.; VOSKOBOYNIKOV, V.G., doktor tekhn.
nauk, red.; GOTLIB, A.D., prof., doktor tekhn.nauk, red.;
GUSOVSKIY, A.A., inzh., red.; KRASAVTSEV, N.I., kand. tekhn.
nauk, red.; NEKRASOV, Z.I., akademik, red.; OSTROUKHOV, M.Ya.,
kand. tekhn. nauk, red.; POKHVISNEV, A.N., prof., doktor
tekhn.nauk, red.; RAMM, A.N., prof., doktor tekhn. nauk, red.;
TSYLEV, L.M., prof., doktor tekhn. nauk, red.; POZDNYAKOV,
G.L., red. izd-va; ISLENT'YEVA, P.G., tekhn. red.

[Blast furnace process according to most recent developments; on the 100th. anniversary of Academician M.A.Pavlov's birth]

Domennyi protess po noveishim issledovaniiam; k 100-letiiu so dnia rozhdeniia akad. M.A.Pavlova. Moskva, Metallurgizdat, 1963. 325 p. (MIRA 16:8)

1. AN Ukr.SSR (for Nekrasov).
(Blast furnaces)
(Pavlov, Mikhail Aleksandrovich, 1863-1958)



S/276/63/000/002/020/052 A052/A126

AUTHORS:

Gusovskiy, V.L., Ivanova, N.I., and Lifshits, A.Ye.

TITLE:

Stal'proyekt standard injection burners

PERIODICAL:

Referativnyy zhurnal, Tekhnologiya mashinostroyeniya, no.2, 1963, 66-67, abstract 2B310 (Sb. tr. Gos. soyuzn. in-t po proyektir. agregatov staleliteyn. i prokatn. proiz-va chern. metallurgii, no. 2, 1962. 78-87)

TEXT: It is reported on the revision carried out by Stal'proyekt in 1960-1961 of specifications of standard injection burners employed in hardening furnaces and other heating units. As a result of the revision all injection burner designs were reduced to 3 standard series II, B and H (P, V, and N). A table of design dimensions of P, V and N-type burners is presented as well as diagrams of their efficiency and rated operational conditions of standard burners. There are 4 figures.

T. Kislyakova

(Abstracter's note: Complete translation.)

Card 1/1

GUSOVSKIY, V.L.; LIFSHITS, A.Ye.; TYMCHAK, V.M.

Review of the book Continuous heating furnaces." Stal 24 no.12:1144 D 64. (MIRA 18:2)

1. Gosudarstvennyy soyuznyy institut po proyektirovaniyu agregatov staleliteynogo i prokatnogo proizvodstva dlya chernoy metallurgii.

GUSOVSKIY, V.L.; LifSHITS, A.Ye.: TYMCHAX, V.M.

Combustion of natural gas. Book by A.V. Araeyev; review. Stal'
25 no.4:373 Ap '65.

(MIRA 18:11)

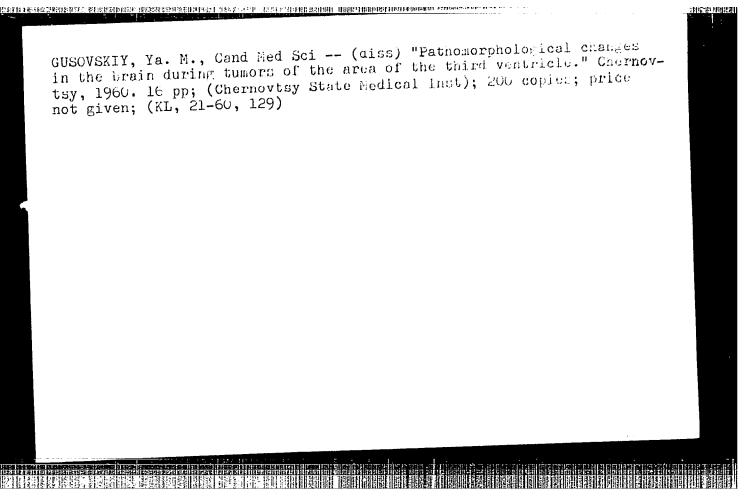
GUSOVSKIY, Ya.M.

Pathomorphological changes in the brain in tumors in the region of the third ventricle. Zhur.nevr.i psikh. 59 no.9:1049-1056 '59.

1. Patogistologicheskaya laboratoriya (zav. Ya.M. Gusovekty) Ukrainskogo nauchno-issledovatel'skogo instituta okhrany materinstva i detstva (dir. M.D. Burova) i patogistologicheskaya laboratoriya (zav. - prof. B.S. Khominskiy) Instituta neyrolhirurgii (dir. - prof. A.I. Arutyunov) Ministerstva zdravookhraneniya USSR, Kiyev.

(CEREBRAL VENTRICLES neoplasme)

(ERAIN pathol.)



KHVUL', G.M. [Khvul', H.M.]; GUSOVSKIY, Ya.M. [Husovs'kyi, IA.M]; VENDT, V.P.

Influence of large doses of various preparations of vitamin D on the rise of hypervitaminosis under experimental conditions. Ped., akush. i gin. 22 no.4:30-33 '60. (MIRA 14:5)

1. Ukrains'kiy naukovo-goslidniy institut OKMMD im. Geroya Radyans'-kogo Soyuzu prof. P.M.Buyka (direktor - zasluzh.likar URSR M.D. Burova) ta Institut biokhimii AN URSR (direktor - akad.O.V.Palladin). (HYPERVITAMINOSIS) (VITAMINS--D)

XHVUL', A. M.; GUSOVSKIY, Ya. M.; VENDT, V. P.

Development of hypervitaminosis D after administration of synthetic vitamin D preparations. Pediatriia no.11:34-39 '61. (MIRA 14:12)

1. Iz Ykrainskogo nauchno-issledovatel'skogo instituta okhrany materinstva i detatva imeni Geroya Sovetskogo Soyuza prof. P. M. Buyko (dir. kandidat meditsinskikh nauk A. G. Pap)

(VITAMINS-D) (HYPERVITAMINOSIS)

STEPANKOVSKAYA, G.K. [Stepankovs'ka, H.K.], kand.med.mank; GUSOVSKIY, Ya.M. [Husovs'kyi, IA.M.], nauchnyy sotrudnik

> Some causes of injuries to the cervix uteri during labor. Ped., akush. i gin. 22 no.5:47-49 '60.

1. Akusherskiy otdel (zav. - prof. S.P. Vinogradova (Vynohradova, S.P.]) i patogistelogicheskaya laboratoriya (zav. - nauchnyy sotrudnik Ya.M. Gusovskiy [Husovs'kyi, IA.M.], konsul'tant prof. N.O. Maksimovich [Maksymovych, N.O.] Ukrainskogo nauchnoissledovatel'skogo instituta okhrany materinstva i detstva im. Geroya Sovetskogo Soyuza prof. P.M. Buyka (direktor - zasluzhennyy vrach M.D. Burova, nauchnyy rukovoditel' - deystvitel'nyy chlen AMN SSSR prof. A.P. Nikolayev).

(LABOR, COMPLICATED)

(UTERUS-WOUNDS AND INJURIES)

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CIA-RDP86-00513R000617620016-2 "APPROVED FOR RELEASE: 09/19/2001

GUSPAN, Jan, inz. CSc.

Results of the research on improvement of heavy soils in Hungary. Vest ust zemedel 12 no.4:156-.58 '65.

1. Research Institute of Land Improvement, Worksite Bratislava.

CIA-RDP86-00513R000617620016-2" APPROVED FOR RELEASE: 09/19/2001

GUSPAN, Jan, inz.

Activities of the Plant Production Research Institute in Piestany. Vestnik vyzk zemedel 9 no.9:457-459 162.

1. Riaditel Vyskumneho ustavu rastlinnej vyroby, Piestany.

GUSPAN, Jan, inz.; RAVAS, Jan

Result of the research on sowing some main crops on fields used for forage plant cultivation for several years. Rost vyroba 9 no.3/4:391-398 Mr-Ap 363.

1. Vyzkumny ustav rastlinnej vyroby, Piestany.

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Aust, R. Yu.

2009 OUSS, R. Yu. Fosle reportrovenive (Foslere-hym andachen menenovodutva viki) colektaiya i lemenovodutva, 1949, . o 7, a. 56-59.

30: Letopis' Zhurnal'nykh Statey, no. 29, Loskva, 1949
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在中央时间是中国共和国共和国的国际企业中的时间。这些是中国时间的时间,但是一种时间的时间,但是一种的时间,但是一种是一种,是一种的时间,但是一种的时间,也是是一种的时间, 第一个时间,我们是一个时间,我们是一个时间,我们是一个时间,我们可以是一个时间,我们可以是一个时间,我们是一个时间,我们是一个时间,我们就是一个一个一个一个一个 EVT(d)/EVT(m)/EVP(f)/T-2 L 00896-67 SOURCE CODE: UR/0113/65/000/012/0003/0005 (A) ACC NR. AP6014350 AUTHOR: Gussak, L. A. (Candidate of technical sciences); Gussak, D. A. ORG: Institute of Chemical Physics AN SSSR (Institut khimicheskoy fiziki AN SSSR) TITLE: New design for a precombustion engine 3 SOURCE: Avtomobil'naya promyshlennost', no. 12, 1965, 3-5 TOPIC TAGS: internal combustion engine, engine ignition system, combustion chamber ABSTRACT: In view of the problems involved in application of present designs of preignition systems to small engines, a new design is proposed which eliminates the precombustion valve and its actuating mechanism. A diagram of the engine is shown in the figure (card 2). The precombustion chamber 1 is formed by the projection on the piston 2 as it approaches TDC. The temporarily disconnected precombustion chamber is connected to the main combustion chamber by short bypass valves drilled through the projection on the piston. The composition of the working mixture is unevenly distributed through the combustion chamber by introducing the working charge in layers. Pure air is drawn into the cylinder during intake through air line with butterfly valve 3 and the cylinder intake valve. A rich fuel mixture is introduced at the same time through the same valve from carburetor 4 along channel 5 which is located close to the open precombustion chamber. The air is mixed with the fuel and vaporized to form the ex-UDC: 621.431.73.001.5

L 00896-67 ACC NR: AP6014350 plosive mixture. Engine power is regulated depending on the load by varying the quantity of air and fuel introduced into the cylinder. This is done by regulation of the butterfly valve which controls both the air line and the carburetor. The combustion process and operating cycle of the engine were studied in detail at the Institute of Chemical Physics AN SSSR on a single-cylinder CFR engine at various crankshaft speeds and degrees of compression and with various cubic contents for the precombustion chamber, cross sections for the bypass valves and forms of the main combustion chamber. The results show that spark ignition is normal as well as flame front formation and propagation. The combustion process in the main combustion chamber is effective and stable. The engine operates without knocking when the butterfly valve is wide open under conditions of maximum torque on B-70 gasoline in mixtures close to the theoretical composition at optimum ignition advance angles approximately 10 units below those for spark ignition. The engine has 15% more power than carburetor precombustion engines Card 2/3

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WW/JW EPR/EPF(c)/EWT(m)/BDS AFFTC/RPL Ps-4/Pr-4 L 18824-63 3/0025/63/000/004/0064/0064 ACCESSION NR: AP3001510

AUTHOR: Gussak, L. Candidate of Technical Sciences, Senior Scientific Collaborator, Academy of Sciences SSSR

TITLE: Antechamber combustion WOL #3C

SOURCE: Nauka i zhizn', no. 4, 1963, 64

TOPIC TAGS: chemically active product, incomplete combustion, chemical lighter, free radical, cancerogenic substance, carcinogen, combustion

ABSTRACT: The author has formulated a new principle of ignition and combustion: the working mixture is ignited, not by a flame, but by a flare of chemically active products of the incomplete combustion of an auxiliary mixture. To keep the mixture from burning up entirely, it is deprived of half the oxygen. Then the atoms rush out of the antechamber in an extremely excited state and impart all their energy to the molecules of the main portion of the fuel. Each of the free radicals and atoms becomes a "chemical lighter." Ignition does not proceed along a front, but at once in a multitude of foci scattered throughout the volume, and becomes more stable. The new method has been successfully applied to gasoline engines turned out by the Gorky Automobile Factory. As compared with the conventional spark-

Card 1/2

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617620016-2"

सम्बद्धारम् । स्टब्स्य वर्षा स्थापना स्थापना स्थापना स्थापना । स्थापना स्थापना स्थापना स्थापना स्थापना स्थापना सम्बद्धारम् । स्टब्स्य स्थापना स्थापना

L 18824-63 ACCESSION NR: AP300151.0

ignition motors, it has the following advantages: The combustion rate is increased 3-4 times, which permits one to lower the octane rating by 10 units or raise the degree of compression. Fuel consumption is reduced by 15%. The specific capacity of the engine is increased more than 10%. Underburning is eliminated and no poisonous products of incomplete combustion are discharged into the air. The exhaust gases contain 15-20 times less cancerogenic substances. Orig. has a very good photograph-like diagram with tridimensional effect.

ASSOCIATION: Institut khimicheskoy fiziki AN SSSR (Institute of Chemical Physics of the Academy of Sciences SSSR)

SUBMITTED: 00

DATE ACQ: 10Jun63

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APPROVED FOR RELEASE: 09/19/2001

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GUSSAK, L.A., kand.tekh.nauk

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Exhaust gases can be rendered harmless; new method of precombustion chamber-torch ignition. Priroda 53 no.3:82-86 '64. (MIRA 17:4)

1. Institut khimicheskoy fiziki AN SSSR, Moskva.

ZHADOTINOKIY, A.M.; MALENKOY, A.G.; YACHIOV, H.M.; GUCCAK, L.A.; SHABAD, L.M.

Content of cancerogenic and toxic combustion products in exhaust gases of combustion engines with spark and antichamber-terch lenition. Izv. AH SSSR. Ser. biol. nc.01908-912 N-D 164.

(MERA 17:11)

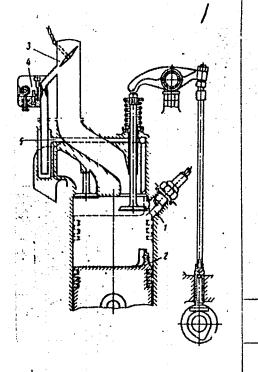
1. Institute of Chemical Physics, U.S.S.R. Academy of Sciences and Institute of Experimental and Clinical Oncology, U.S.S.R. Academy of Medical Sciences.

· STREET CONTROL THE OWNER BEAUTH INTERNITY OF THE PROPERTY OF EWI(d)/EWI(n)/EWP(f)/T-2WE AP6014350 ACC NR: SOURCE CODE: UR/0113/65/000/012/0003/0005 AUTHOR: Gussak, L. A. (Candidate of technical sciences); Gussak, D. A. ORG: Institute of Chemical Physics AN SSSR (Institut khimicheskoy fiziki AN SSSR) TITLE: New design for a precombustion engine 37 SOURCE: Avtomobil'naya promyshlennost', no. 12, 1965, 3-5 TOPIC TAGS: internal combustion engine, engine ignition system, combustion chamber ABSTRACT: In view of the problems involved in application of present designs of preignition systems to small engines, a new design is proposed which eliminates the precombustion valve and its actuating mechanism. A diagram of the engine is shown in the figure (card 2). The precombustion chamber 1 is formed by the projection on the piston 2 as it approaches TDC. The temporarily disconnected precombustion chamber is connected to the main combustion chamber by short bypass valves drilled through the projection on the piston. The composition of the working mixture is unevenly distributed through the combustion chamber by introducing the working charge in layers. Pure air is drawn into the cylinder during intake through air line with butterfly valve 3 and the cylinder intake valve. A rich fuel mixture is introduced at the same time through the same valve from carburetor 4 along channel 5 which is located close to the open precombustion chamber. The air is mixed with the fuel and vaporized to form the ex-Card UDC: 621.431.73.001.5

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ACC NR: AP6014350

plosive mixture. Engine power is regulated depending on the load by varying the quantity of air and fuel introduced into the cylinder. This is done by regulation of the butterfly valve which controls both the air line and the carburetor. The combustion process and operating cycle of the engine were studied in detail at the Institute of Chemical Physics AN SSSR on a single-cylinder CFR engine at various crankshaft speeds and degrees of compression and with various cubic contents for the precombustion chamber, cross sections for the bypass valves and forms of the main combustion chamber. The results show that spark ignition is normal as well as flame front formation and propagation. The combustion process in the main combustion chamber is effective and stable. The engine operates without knocking when the butterfly valve is wide open under conditions of maximum torque on B-70 gasoline in mixtures close to the theoretical composition at optimum ignition advance angles approximately 10 units below those for spark ignition. The engine has 15% more power than carburetor precombustion engines



Card 2/3

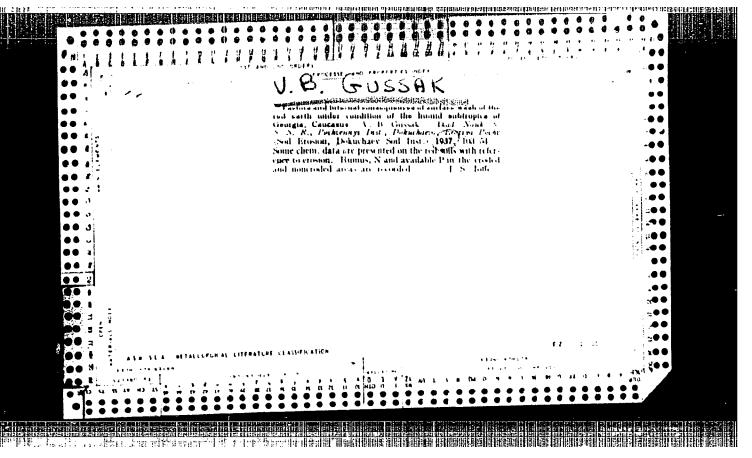
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ACCESSION NR: AP5021897 UR/0281/6 621.43.04 AUTHOR: Gussak, L. A. (Moscow) TITLE: New ignition and combustion principle for [automotive] en	5/000/004/0098/01.10 .056:536.461 28
SOURCE: AN SSSD Tanada and Drinciple for [entomotive] en	ng hes
SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 4, 1965	, 96-110
TOPIC TAGS: piston engine, gasoline engine, internal combustion bustion system, engine fuel system, engine performance characteric combustion, fuel carburetor, combustion initiation, internal component	engine, engine com- latic, turbulent abustion engine com-
ABSTRACT: The article reviews the shortcomings of internal-combustion-process characteristics. Precombustion-characteristics of internal-combustion is described as a new principle, and date of the improvement in contrast of the improvement in contr	stion engines, as mber flame ignition
of its application. Extensive research and development by the Entensive production and testing of GAZ-51F(GAZ-52), GAZ-21F, and ZIL-1 trucks and passenger cars. The author concludes that the use of	Stitute of Chemical
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ACCESSION NR: AP5021897 results in a lower octame number (by 10) being required, a decrease of more than 10% in average fuel consumption, and the almost total elimination of toxic exhaust gases in automotive engines. A cross-sectional view of a design for an engine of this type is included in the article. Orig. art. has: 10 figures and 2 formulas. [LB] ASSOCIATION: none SUBMITTED: 17Mar65 ENCL: 00 SUB CODE: FR NO REF SOV: 007 OTHER: 001 ATD PRESS: (ABF)	L 6501:8-65				
10% in average fuel consumption, and the almost total elimination of toxic exhaust gases in automotive engines. A cross-sectional view of a design for an engine of this type is included in the article. Orig. art. has: 10 figures and 2 formulas. [IB] ASSOCIATION: none SUBMITTED: 17Mar65 ENCL: 00 SUB CODE: FR NO REF SOV: 007 OTHER: 001 ATD PRESS: 4089	ACCESSION NR: AP5021897				
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GUSSAK, V. B.

USSR

V.V. Dokuchayeva Soil Inst., Moscow (-1946-)

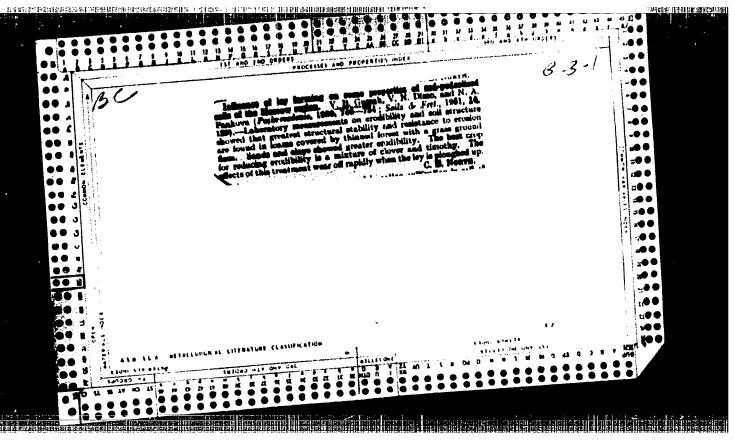
"A device for a rapid determination of the erodibility of soils and some results of its application"

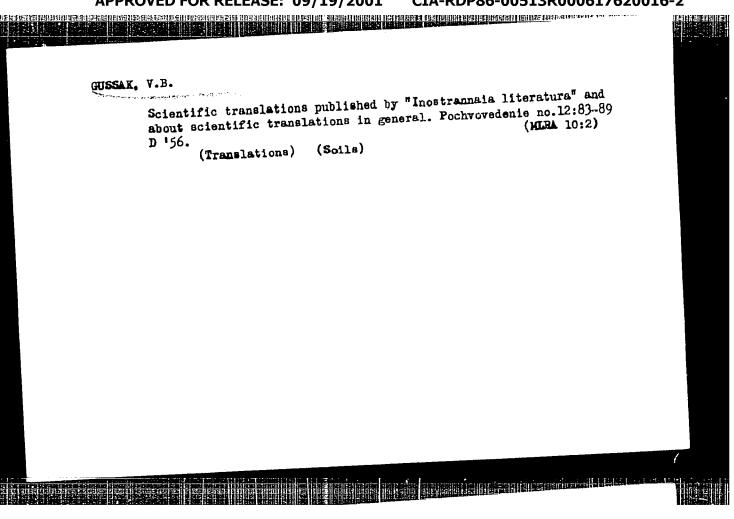
Pochvovedenty, No. 8, 1946.

PA 36/40T108 GUSSAK, V. B. ١ Jul 48 USSR/Soil Science Erosion "Some Observations on Soil Erosion in the Border Layer With the Aid of Micro-Cino-Surveying," v. B. Gussak, 5 pp "Pochvovedenige" No 7 Sand and dust particles play important role in goil erosion. Determines that under conditions of turbulent movement of the boundary layer there is none of the laminar movement described by Landau. States that winds with speeds of 19 cm per sec displace sand particles of 1-im diameter or less at the rate of 3 - 15 mm per sec. 36/49T10B

OUSSAI, V. B. Opyt issledovaniya proteessa erozii pochu na nodelyair.
Problomy sov. Pochwoveleniya, S8. 15, 1749, 3, 211-19 - Bibliogr. 3.
213-19.

S0: Letopis, No. 32, 1949.





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USSR/Soils Science. Physical and Chemical Properties of J Soils

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58267, By P.Sh.

Author . : Gussak V. B. Inst : Not given : On the Formation of an Artificial Soil Structure

Orig Pub : Sots. s. kh. Uzbekistana, 1957, No6, 71-73

: The experimental and productive application of artificial structure-forming substances to the Abstract

soils in the Central Asiatic cotton belt in addition to the cotton-alfalfa crop rotation has been suggested. Experiments should be conducted, first of all, on gray desert soils which are mo-re abundant in the areas which are marked for irrigation. Several substances now successfully being used in the USA are named.

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000617620016-2"

OUSSAK, V.B., Box Agr Sci -- (disc) "Soil prosion, means of investigation, and certain problems connected with it." Tashkent, 1959. 41 pp. (Uzbek Acad of Agr Sci, Tashkent Agr Inst). 250 copies. List of author's work at end of text (KE, 39-59, 105)

63

GUSSAK, V.B.; KIMBERG, N.V.; UMAROV, M.U.; MAKHSUDOV, Kh.M.

Some data on the extent of erosion in Uzbekistan, its aftereffects and control measures. Uzb.biol.zhur. no.1:73-81 159.

(MIRA 12:7)

1. Institut pochvovedeniye AN UZSSR.

(Uzbekistan-Brosion)

GUSSAK, Veniamin Borisovich; NASYROV, Yakh'ya Mirsaidovich;
SKVORTSOV, Yuriy Aleksandrovich; BOYKO, A.N., red.; SOROKINA,
Z.I., tekhn. rea.

[Soil formation on loess accumulations of various ages and the fertility of Sierozems] Fochvoobrazovanie na lessovykh akkumuliatsiiakh raznogo vozrasta i plodorodie serozemov.

Tashkent, In-t pochvovedeniia, 1961. 159 p. (MIRA 15:7)

(Uzbekistan—Sierozem soils)

(Uzbekistan—Loess)